

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009444.D
 Acq On : 09 May 2019 22:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:12:30 PM

Quant Time: May 10 08:21:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	156291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	250288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107183	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.50	113	81116	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	323274	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	119577	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	71369	49.553	ug/l 100
3) Chloromethane	1.32	50	101788	51.766	ug/l 100
4) Vinyl Chloride	1.41	62	105042	54.784	ug/l 98
5) Bromomethane	1.64	94	57407	49.883	ug/l 100
6) Chloroethane	1.71	64	69597	56.535	ug/l 99
7) Trichlorofluoromethane	1.92	101	131363	56.362	ug/l 97
8) Diethyl Ether	2.19	74	59478	53.875	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80760	55.179	ug/l 99
10) Methyl Iodide	2.51	142	81847	48.302	ug/l 100
11) Tert butyl alcohol	3.05	59	138229	279.891	ug/l 100
12) 1,1-Dichloroethene	2.37	96	82439	56.216	ug/l 95
13) Acrolein	2.29	56	107977	241.418	ug/l 100
14) Allyl chloride	2.73	41	193028	54.012	ug/l 100
15) Acrylonitrile	3.14	53	327748	271.418	ug/l 100
16) Acetone	2.45	43	288900	252.174	ug/l 99
17) Carbon Disulfide	2.57	76	236095	57.344	ug/l 100
18) Methyl Acetate	2.78	43	138535	50.847	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	313058	54.974	ug/l 98
20) Methylene Chloride	2.85	84	98783	53.254	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	89826	56.481	ug/l 97
22) Diisopropyl ether	3.85	45	378540	55.078	ug/l 99
23) Vinyl Acetate	3.81	43	1691366	287.391	ug/l 99
24) 1,1-Dichloroethane	3.70	63	184518	54.423	ug/l 99
25) 2-Butanone	4.67	43	486136	273.066	ug/l 100
26) 2,2-Dichloropropane	4.58	77	122666	48.607	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	103919	54.743	ug/l 99
28) Bromochloromethane	5.01	49	65744	48.065	ug/l 100
29) Tetrahydrofuran	5.13	42	323239	282.155	ug/l 100
30) Chloroform	5.21	83	170692	55.665	ug/l 100
31) Cyclohexane	5.58	56	179324	56.850	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	141308	55.357	ug/l 99
36) 1,1-Dichloropropene	5.80	75	131661	56.605	ug/l 99
37) Ethyl Acetate	4.83	43	183436	56.603	ug/l 99
38) Carbon Tetrachloride	5.79	117	119150	56.381	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009444.D
 Acq On : 09 May 2019 22:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:12:30 PM

Quant Time: May 10 08:21:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161169	56.422	ug/l	99
40) Benzene	6.14	78	404320	56.168	ug/l	99
41) Methacrylonitrile	5.04	41	105067	54.464	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144534	55.973	ug/l	99
43) Isopropyl Acetate	6.45	43	289360	55.821	ug/l	100
44) Trichloroethene	7.21	130	96234	55.299	ug/l	99
45) 1,2-Dichloropropane	7.51	63	113184	55.528	ug/l	98
46) Dibromomethane	7.66	93	65572	55.398	ug/l	98
47) Bromodichloromethane	7.90	83	131890	55.860	ug/l	99
48) Methyl methacrylate	7.77	41	147068	57.185	ug/l	100
49) 1,4-Dioxane	7.74	88	59182	1134.722	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	960117	283.370	ug/l	100
52) Toluene	8.79	92	247222	56.498	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	147804	55.447	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	166619	56.471	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	99152	55.542	ug/l	95
56) Ethyl methacrylate	9.18	69	181208	56.865	ug/l	100
57) 1,3-Dichloropropane	9.37	76	175750	55.945	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	435331	257.515	ug/l	100
59) 2-Hexanone	9.49	43	748868	281.417	ug/l	100
60) Dibromochloromethane	9.58	129	99302	56.954	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102011	56.609	ug/l	99
64) Tetrachloroethene	9.34	164	88684	57.372	ug/l	99
65) Chlorobenzene	10.14	112	255499	56.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92638	56.683	ug/l	99
67) Ethyl Benzene	10.25	91	474560	57.202	ug/l	99
68) m/p-Xylenes	10.36	106	349006	115.118	ug/l	98
69) o-Xylene	10.69	106	170892	57.131	ug/l	99
70) Styrene	10.71	104	300846	57.866	ug/l	99
71) Bromoform	10.85	173	75935	57.175	ug/l #	100
73) Isopropylbenzene	11.02	105	453865	54.033	ug/l	99
74) N-amyl acetate	10.90	43	271881	55.518	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	166843	53.282	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	145424m	54.275	ug/l	
77) Bromobenzene	11.26	156	111926	53.685	ug/l	99
78) n-propylbenzene	11.36	91	522137	54.429	ug/l	99
79) 2-Chlorotoluene	11.42	91	311135	52.571	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	389015	55.003	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55189	52.701	ug/l	98
82) 4-Chlorotoluene	11.51	91	361168	54.018	ug/l	99
83) tert-Butylbenzene	11.77	119	372051	54.076	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	388760	54.762	ug/l	100
85) sec-Butylbenzene	11.94	105	435967	53.447	ug/l	99
86) p-Isopropyltoluene	12.06	119	401165	54.706	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	200042	53.823	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	201074	53.662	ug/l	99
89) n-Butylbenzene	12.38	91	361932	54.607	ug/l	100
90) Hexachloroethane	12.59	117	67184	53.777	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	206849	54.642	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38569	54.907	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009444.D
Acq On : 09 May 2019 22:01
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/10/2019 1:12:30 PM

Quant Time: May 10 08:21:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143852	55.569	ug/l	99
94) Hexachlorobutadiene	13.78	225	71926	54.409	ug/l	99
95) Naphthalene	13.83	128	469383	55.732	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145282	55.365	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

